Mountain Weather Forecast

Yorkshire Dales National Park

Forecast valid from 06:00 on Thursday 19 Nov 2020 until 23:59 on Friday 20 Nov 2020

Forecast Issued on Thursday 19 Nov 2020 at 04:31

Confidence: High for cold and bright conditions on Thursday then a return to cloudy, wet and mild on Friday. Lower confidence for timing of rain clearance on Saturday morning.

Headline for Thursday 19 Nov 2020: Mainly dry and sunny but very cold. Strong winds slowly easing.

Mountain weather hazards on Thursday 19 Nov 2020

Blizzards No Likelihood	**Heavy Snow** No Likelihood	**Storm force winds** No Likelihood
Gales Low Likelihood	**Severe chill effect** Medium Likelihood	**Poor visibility** Low Likelihood
Thunderstorms No Likelihood	**Heavy persistent rain** No Likelihood	**Strong sunlight** No Likelihood

Weather and chance of precipitation at 600m					
Time					
06:00	09:00	12:00	15:00	18:00	21:00
Light snow showers	Sunny	Sunny	Clear night	Partly cloudy (night)	Cloudy
Precipitation probability					
60%	30%	<05%	<05%	<05%	10%

Forecast for Thursday 19 Nov 2020

Weather: Rain showers turning to snow above 500m, clearing shortly after dawn. A very cold but dry day will follow with plenty of crisp sunshine. A cold and dry evening with a frost but high cloud will arrive from the west.

Chance of cloud free mountain/hill tops above 600m: 30% initially with areas of cloud cover above 500m, but clearing shortly after dawn. Over 95% thereafter with all hills expected to be cloud-free.

Visibility: Poor on high slopes initially but becoming good at all levels shortly after dawn. Excellent air clarity during the day with clear views of distant hills.

Check our weather forecast every day to get the most accurate and up to date information
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Forecast for Thursday 19 Nov 2020

Height (m)	Wind Speed mean/gusts (mph) Wind Direction (blowing from)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	18/24 N	15/21 N	13/17 NW	10/14 NW	9/15 W	9/14 SW	11/16 SW
300	14/26 N	12/24 NW	10/20 NW	6/15 NW	5/16 NW	4/12 W	2/8 S
Valley	12/29 N	8/21 NW	9/17 NW	3/11 NW	2/8 NW	1/6 NW	1/8 E

Height (m)	Temperature / Feels Like (°C)						
	06:00	09:00	12:00	15:00	18:00	21:00	00:00
600	2/-4	0/-6	0/-5	-0/-5	-0/-5	-0/-4	1/-4
300	4/0	3/-2	4/-0	2/-0	1/-2	1/-1	1/-1
Valley	6/2	4/1	5/2	4/3	1/-1	2/1	2/1
Freezing Level*	700m	500m	400m	400m	300m	400m	600m

**Level above which ground is expected to be frozen/snow is expected to settle.*

Meteorologist's View

A blast of Arctic air will make it feel bitterly cold compared to recent days. A severe wind chill on the tops, especially during the morning but winds easing in the afternoon.

Recent rainfall: measured at Malham: altitude 375m

Recorded at	Last 24 hours:	Last 48 hours:	Last 72 hours:
03:00 on Thu 19 Nov 2020	17.8mm	20mm	29.8mm

Forecast for Friday 20 Nov 2020

Weather: Cloudy with spells of rain, turning heavy and persistent for a while. A little sleet for a time on the tops in the early hours but mild air will quickly arrive from the west with rain at all levels.

Maximum wind: South or Southwest 20-30mph with gusts 45mph on the tops.

Chance of cloud free mountain/hill tops above 600m: Almost nil. Extensive cloud above 300 or 400m for most of the day.

Visibility: Very poor on high ground for most of the time with extensive low cloud giving navigational difficulties. Hazy conditions below the cloud base.

Temperature: **Valleys:** Plus 6C rising to 11 or 12C.
At 600m: 0C rising to 8 or 9C.
Freezing level: 700m in early hours, soon rising above summits.

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